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#13

RAW SEQUENCE LISTING   DATE: 05/01/2002
PATENT APPLICATION: US/09/675,525A   TIME: 09:37:12

Input Set : A:\192822-1.app
Output Set: N:\CRF3\05012002\I675525A.raw

```
 3 <110> APPLICANT: Barrett, Ronald W.
 4        Dower, William J.
 5        Gallop, Mark
 6        Woiwode, Thomas F.
 7        Cwirla, Steven E.
 8        XenoPort, Inc.
10 <120> TITLE OF INVENTION: Compounds Displayed on Replicable Genetic Packages and
11        Methods of Using Same
13 <130> FILE REFERENCE: 019282-000210US
15 <140> CURRENT APPLICATION NUMBER: US 09/675,525A
16 <141> CURRENT FILING DATE: 2000-09-29
18 <150> PRIOR APPLICATION NUMBER: US 60/156,674
19 <151> PRIOR FILING DATE: 1999-09-29
21 <160> NUMBER OF SEQ ID NOS: 7
23 <170> SOFTWARE: PatentIn Ver. 2.1
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 60
27 <212> TYPE: DNA
28 <213> ORGANISM: Artificial Sequence
30 <220> FEATURE:
31 <223> OTHER INFORMATION: Description of Artificial Sequence:genetic element
32        inserted into phagemid (gene VIII)
34 <400> SEQUENCE: 1
35 gcggccgcws sswwswwsws wwwswwsssg aattccctat agtgagtcgt attaaagctt 60
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 21
40 <212> TYPE: PRT
41 <213> ORGANISM: Artificial Sequence
43 <220> FEATURE:
44 <223> OTHER INFORMATION: Description of Artificial Sequence:BirA
45        biotinylation substrate sequence
47 <220> FEATURE:
48 <221> NAME/KEY: MOD_RES
49 <222> LOCATION: (11)
50 <223> OTHER INFORMATION: Xaa = Lys modified by biotin
52 <400> SEQUENCE: 2
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W-->
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53 Gly Gly Leu Asn Asp Ile Phe Glu Ala Gln Xaa Ile Glu Trp His Glu
54  1               5                   10                  15
56 Gly Gly Gly Gly Ser
57                  20
60 <210> SEQ ID NO: 3
61 <211> LENGTH: 63
62 <212> TYPE: DNA
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```
 63 <213> ORGANISM: Artificial Sequence
 65 <220> FEATURE:
 66 <223> OTHER INFORMATION: Description of Artificial Sequence:5' end of gene
 67        for filamentous phage coat protein pVIII
 69 <400> SEQUENCE: 3
 70 ggcgggctta atgatatttt tgaggctcag aagattgagt ggcatgaggg aggcgggggt 60
 71 agc                                                               63
 74 <210> SEQ ID NO: 4
 75 <211> LENGTH: 20
 76 <212> TYPE: PRT
 77 <213> ORGANISM: Artificial Sequence
 79 <220> FEATURE:
 80 <223> OTHER INFORMATION: Description of Artificial Sequence:BirA
 81        biotinylation substrate sequence
 83 <220> FEATURE:
 84 <221> NAME/KEY: MOD_RES
 85 <222> LOCATION: (15)
 86 <223> OTHER INFORMATION: Xaa = Lys modified by biotin
 88 <400> SEQUENCE: 4
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W--> 89 Asn Ser Gly Gly Gly Gly Leu Asn Asp Ile Phe Glu Ala Gln Xaa Ile

```
 90   1               5               10              15
 92 Glu Trp His Glu
 93              20
 96 <210> SEQ ID NO: 5
 97 <211> LENGTH: 71
 98 <212> TYPE: DNA
 99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Description of Artificial Sequence:3' end of gene
103        10B major coat protein of T7 phage
105 <400> SEQUENCE: 5
106 aattctggag gcgggggtct taatgatatt tttgaggctc agaagattga gtggcatgag 60
107 taagtaacta a                                                      71
110 <210> SEQ ID NO: 6
111 <211> LENGTH: 58
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Description of Artificial Sequence:genetic element
117        inserted into T7 phage vector
119 <400> SEQUENCE: 6
120 gcggccgcws sswwswwsws wwwswwsssg tattctatag tgtcacctaa atctcgag    58
123 <210> SEQ ID NO: 7
124 <211> LENGTH: 5
125 <212> TYPE: PRT
126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Description of Artificial Sequence:mAb 3E7 epitope
130        peptide
```

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132 <400> SEQUENCE: 7
133 Tyr Gly Gly Phe Leu
134   1   5

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 05/01/2002
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; Xaa Pos. 11
Seq#:4; Xaa Pos. 15

VERIFICATION SUMMARY
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Input Set : **A:\192822-1.app**
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L:53 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:89 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0